

**Environmental Restoration (ER) Project
Cerro Grande Fire
Accelerated Action Information Sheet**

**Potential Release Site (PRS) 02-006(e)
Sump**

Technical Area (TA)-2, located in Los Alamos Canyon, housed several reactors, including the Omega West and Water Boiler Reactors. The reactors were shutdown, removed from the nuclear facilities list, and placed into the Laboratory's Decontamination and Decommissioning program.

PRS History: PRS 02-006(e) is a sump that received effluent from floor drains in the Omega West Reactor room and mezzanine. Sump overflow went into Los Alamos Creek. Employees reported that several small spills of primary cooling water occurred.

PRS 02-006(e) is not listed on the Hazardous and Solid Waste Amendments module to the Laboratory's Hazardous Waste Facility permit. The ER Project has not proposed the site for no further action. The nature and extent of contamination at the site has not been determined. Existing knowledge indicates that there is residual risk at the site.

Issues of Concern: The area upstream of PRS 02-006(e) burned during the Cerro Grande fire. The intensity of upstream burn was low to moderate. Surface soils at the discharge point may be contaminated. There is potential for erosion or scouring because the sump overflowed directly into Los Alamos Creek. The site does not contain debris that could enter the flood watercourse. There are no structures that



could interfere with or be impacted by flood mitigation efforts.

Accelerated Action Status: PRS 02-006(e) was evaluated after the Cerro Grande fire. ER Project personnel completed two auger holes in the stream channel at the outfall and collected three samples in September 2000. The data has not yet been validated or reviewed.

Related Documents:

"Solid Waste Management Units Reports," Vol. I of IV (TA-0 through TA-9) LANL Report LA-UR-90-3400, revised November 1990.

"RFI Work Plan for Operable Unit 1098 (TA-2, 41)," LANL Report LA-UR-92-3825, June 1993.